

EPSL

Earth and Planetary Science Letters 187 (2001) 385-386

www.elsevier.com/locate/epsl

Contents Volume 187

and and an	
A complete terrestrial Oligocene magnetobiostratigraphy from the Ebro Basin, Spain	
X. Barberà, L. Cabrera, M. Marzo, J.M. Parés and J. Agustí	
Magnetostratigraphy and biostratigraphy of the Middle Triassic Margon section (Southern Alps, Italy)	
P.R. Gialanella, F. Heller, P. Mietto, A. Incoronato, V. De Zanche, P. Gianolla and G. Roghi	1'
U-Pb geochronology of Seychelles granitoids: a Neoproterozoic continental arc fragment	
R.D. Tucker, L.D. Ashwal and T.H. Torsvik	2
Paleomagnetic pole from the Yilgarn B (YB) dykes of Western Australia: no longer relevant to Rodinia reconstructions	
H.C. Halls and M.T.D. Wingate	39
Reconstructions of the continents around the North Atlantic at about the 60th parallel	
T.H. Torsvik, R. Van der Voo, J.G. Meert, J. Mosar and H.J. Walderhaug	5.5
Evidence for late Paleozoic and Mesozoic non-dipole fields provides an explanation for the Pangea reconstruction problems	
R. Van der Voo and T.H. Torsvik	7
Magnetostratigraphic record of the Late Miocene onset of the East Asian monsoon, and Pliocene uplift of northern Tibet	
X.K. Qiang, Z.X. Li, C.M. Powell and H.B. Zheng	83
A comparison of geodetic and finite strain pattern in the Aegean, geodynamic implications	
L. Jolivet	95
Episodic back-arc extension during restricted mantle convection in the Central Mediterranean	
C. Faccenna, F. Funiciello, D. Giardini and P. Lucente	103
Residual topography, lithospheric structure and sunken slabs in the central Mediterranean	
Z. Gvirtzman and A. Nur	117
Timing of the Permian-Triassic biotic crisis: implications from new zircon U/Pb age data (and their limitations)	
R. Mundil, I. Metcalfe, K.R. Ludwig, P.R. Renne, F. Oberli and R.S. Nicoll	131
²²⁶ Ra in marine barite: new constraints on supported ²²⁶ Ra	
P. van Beek and JL. Reyss	147
Measurements of the concentrations of ²⁶ Al in lunar rocks 15555 and 60025	
R. Grismore, R.A. Llewellyn, M.D. Brown, S.T. Dowson and K. Cumblidge	163
Pore fluid advection and reaction in sediments of the eastern flank, Juan de Fuca Ridge, 48°N	
M.D. Rudnicki, H. Elderfield and M.J. Mottl	173
Boron systematics of authigenic carbonates: a new approach to identify fluid processes in accretionary prisms	
A. Deyhle, A. Kopf and A. Eisenhauer	191
Channeling of plume flow beneath mid-ocean ridges	
M. Albers and U.R. Christensen	207
Sizing up crystals and their melt inclusions: a new approach to crystallization studies	
K. Roggensack	221
Crustal motion and block behaviour in SE-Asia from GPS measurements	
G.W. Michel, Y.Q. Yu, S.Y. Zhu, C. Reigber, M. Becker, E. Reinhart, W. Simons, B. Ambrosius, C. Vigny, N. Chamot-	
Rooke, X. Le Pichon, P. Morgan and S. Matheussen	239
Active spreading and regional extension at Mount Etna imaged by SAR interferometry	200
JL. Froger, O. Merle and P. Briole	245
²³⁸ U- ²³⁰ Th constraints on mantle upwelling and plume-ridge interaction along the Reykjanes Ridge	270
D.W. Peate, C.J. Hawkesworth, P.W. van Calsteren, R.N. Taylor and B.J. Murton	259
Boron isotope systematics of slab fluids as inferred from a serpentine seamount, Mariana forearc	237
L.D. Benton, J.G. Ryan and F. Tera	273
L.D. Denton, J.J. Ryan and I. Ivia	

Evidence from gravity anomalies for interactions of the Marion and Bouvet hotspots with the Southwest Indian Ridge: effects of transform offsets	
J.E. Georgen, J. Lin and H.J.B. Dick	283
Horizontal transition from fast to slow structures at the core-mantle boundary; South Atlantic	
S. Ni and D.V. Helmberger	301
Southeast trade wind variations during the last 135 kyr: evidence from pollen spectra in eastern South Atlantic sediments	
N. Shi, R. Schneider, HJ. Beug and L.M. Dupont	311
Brine inclusions in diamonds: a new upper mantle fluid	
E.S. Izraeli, J.W. Harris and O. Navon	323
Magnetic fabrics of soft-sediment folded strata within a neogene accretionary complex, the Miura group, central Japan	
T. Kanamatsu, E. Herrero-Bervera and A. Taira	333
A comparative study of naturally and experimentally shocked chondrites	
X. Xie, M. Chen, C. Dai, A. El Goresy and P. Gillet	345
Penetration of columnar convection into an outer stably stratified layer in rapidly rotating spherical fluid shells	
Si. Takehiro and J.R. Lister	357
Numerical models of the onset of yield strength in crystal-melt suspensions	
M.O. Saar, M. Manga, K.V. Cashman and S. Fremouw	367
Author Index Volume 187	381